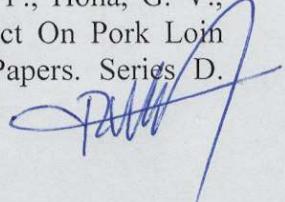


Universitatea pentru Științele Vieții din Iași
Facultatea de Ingineria Resurselor Animale și Alimentare
Departamentul Resurse animale și tehnologii
Examen de promovare în cariera didactică, postul de **Profesor universitar**, poziția VIII/6
Disciplinele postului: *Anatomie, histologie, embriologie; Biologia producților*
Domeniul postului: Zootehnie
Avizat de Ministerul Educației prin adresa nr. 428/DGIU/28.11.2023

LISTA COMPLETĂ DE LUCRĂRI A CANDIDATULUI **Răzvan Mihail RADU-RUSU**

1. Lista celor 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale propriei, care sunt incluse în format electronic în dosar.

1. RADU-RUSU R.M., USTUROI M.G., LEAHU A., AMARIEI S., RADU-RUSU C.G., VACARU-OPRIŞ I., 2014 - Chemical features, cholesterol and energy content of table hen eggs from conventional and alternative farming systems. *South African Journal of Animal Science* 44(1):33-42. WOS: 000336357300005.
2. Usturoi, M. G., Radu-Rusu, R. M., Usturoi, A., Simeanu, C., Doliș, M. G., Rațu, R. N., & Simeanu, D. (2023). Impact of Different Levels of Crude Protein on Production Performance and Meat Quality in Broiler Selected for Slow Growth. *Agriculture*, 13(2), 427. <https://doi.org/10.3390/agriculture13020427>.
3. Frunză, G., Murariu, O. C., Ciobanu, M. M., Radu-Rusu, R. M., Simeanu, D., & Boișteanu, P. C. (2023). Meat Quality in Rabbit (*Oryctolagus cuniculus*) and Hare (*Lepus europaeus* Pallas)—A Nutritional and Technological Perspective. *Agriculture*, 13(1), 126. <https://doi.org/10.3390/agriculture13010126> WOS:000914217700001
4. Coroian, C. O., Coroian, A., Becze, A., Longodor, A., Mastan, O., & Radu-Rusu, R. M. (2022). Polycyclic Aromatic Hydrocarbons (PAHs) Occurrence in Traditionally Smoked Chicken, Turkey and Duck Meat. *Agriculture*, 13(1), 57. <https://doi.org/10.3390/agriculture13010057> WOS:000914348100001
5. Simeanu, D., Radu-Rusu, R. M., Mintas, O. S., & Simeanu, C. (2022). Qualitative and Nutritional Evaluation of Paddlefish (*Polyodon spathula*) Meat Production. *Agriculture*, 12(11), 1965. <https://doi.org/10.3390/agriculture12111965> WOS:000894367800001
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7. Maciuc, V., & Radu-Rusu, R. M. (2018). Assessment of Grey Steppe cattle genetic and phenotypic traits as valuable resources in preserving biodiversity. *Environmental Engineering & Management Journal (EEMJ)*, 17(11), 2741-2748 WOS:000484814600063
8. Rațu, R. N., Cârlescu, P. M., Usturoi, M. G., Lipșa, F. D., Veleșcu, I. D., Arsenoaia, V. N., ... & Simeanu, D. (2023). Effects of Dairy Cows Management Systems on the Physicochemical and Nutritional Quality of Milk and Yogurt, in a North-Eastern Romanian Farm. *Agriculture*, 13(7), 1295. <https://doi.org/10.3390/agriculture13071295> WOS: 001034732400001
9. Radu-Rusu R.M., Usturoi M.G., Pânzaru C., Djitie-Kouatcho F., Ilie D. (2022). Dynamics Of The Oviduct Micromorphometry Of Japanese Quail, In Relation With Laying Curve Phase. *Animal And Food Sciences Journal* 77, 109-115.
10. Radu Rusu, R. M., Usturoi, M. G., Rațu, R. N., Djitie Kouatcho, F., Hoha, G. V., Usturoi, A., ... & Ropciuc, S. (2020). Bromelain Treatments Effect On Pork Loin Histological, Textural And Technological Properties. *Scientific Papers. Series D. Animal Science*, 63(2), 351-355 Wos:000594991500054



2. Teza de doctorat

1. RADU-RUSU R. M., 2009 - Contribuții la cunoașterea morfologiei, structurii și a însușirilor fizico-chimice ale unor mușchi somatici, proveniți de la puii broiler de găină. 234 pag., Lito., Biblioteca USAMV Iași.

3. Brevete de invenție și alte titluri de proprietate industrială

2. OSIM ROMANIA, brevet nr. 00775/A2009 - Title: Synthesis method for a strain of guppy (Poecilia reticulata) ornamental fishes with resistance at hyperthermia - echipa USAMV Iasi: Pasarin Benone, Gilca Ioan, Hoha Gabriel, Usturoi Marius, Leonte Corneliu, Leonte Doina, Creanga Steofil, Maciuc Vasile, Macovei Valerica, Radu Rusu Razvan, Gruber Adrian, Stanescu Roxana.
3. OSIM ROMANIA, brevet nr. 00815/A2009 - Title: Biotechnological protocol for increasing the male body size in ornamental fish species Poecilia reticulata – echipa USAMV Iasi: Pasarin Benone, Gilca Ioan, Hoha Gabriel, Usturoi Marius, Leonte Corneliu, Leonte Doina, Creanga Steofil, Maciuc Vasile, Macovei Valerica, Radu Rusu Razvan, Gruber Adrian, Stanescu Roxana.

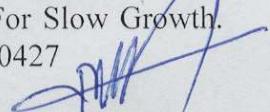
4. Cărți și capitole în cărți:

1. Radu-Rusu R.M., 2023 - Biologia producțiilor animale. Editura Alfa, Iași, ISBN 978-606-540-295-9, 300 pag. fizic, 204 pagini echivalate la standardul fișei de autoevaluare USV Iași
2. Radu-Rusu R.M., Teușan V., 2018 - Anatomie, histologie, embriologie. Vol. 1 - Reproducere celulară, embriologie, histologie generală, anatomia aparatului locomotor. Editura Alfa, Iași, ISBN 978-606-540-214-0, 250 pag. fizic, 182 pagini echivalate la standardul fișei de autoevaluare USV Iași
3. Radu-Rusu R.M., Teușan V., 2018 - Anatomie, histologie, embriologie. Vol. 2 - Organe, aparate și sisteme. Editura Alfa, Iași, ISBN 978-606-540-215-7, 350 pag. fizic, 247 pagini echivalate la standardul fișei de autoevaluare USV Iași.
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5. Radu-Rusu R.M., Teușan V., 2020 - Anatomie, histologie, embriologie. Suport studiu individual program de studii de licență Zootehnie, ID - Modulul 2, semestrul II - Organe, aparate și sisteme, LITO USAMV Iași și platformă Moodle, 123 pagini, 155 pagini echivalate la standardul fișei de autoevaluare USV Iași
6. Marți R., Radu-Rusu R.M., Vacaru-Opriș I., 2012 - Mycotoxins Quo Vadis? Why feed additives? (in English) Erber AG, Herzogenburg, Austria. ISBN 978-320-002-875-3, 277 pag. fizic, 207 pagini echivalate la standardul fișei de autoevaluare USV Iași
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9. Pop I.M., Pascal C., Ivanciu M., Radu-Rusu R.M., Usturoi M.G., Simeanu D., Păsărin B., Boișteanu P.C., Vacaru-Opriș I., 2021 - Facultatea de Ingineria Resurselor Animale și Alimentare (Facultatea de Zootehnie) la 70 de ani de la înființare. Editura Ion Ionescu de la Brad Iași, ISBN 978-973-147-432-8, 473 pag. fizic, 507 pagini echivalate la standardul fișei de autoevaluare USV Iași

10. Ivancia M., Donosă R.E., Rațu R.N., Nacu G., Ciobanu M.M., Nistor C.E., Radu-Rusu R.M., Fotea L., Dolış M.G., Hoha G.V., Brezuleanu C.O., Sîrghea A., 2021 - Incursiune în lumea resurselor animale și alimentare. Editura Ion Ionescu de la Brad Iași, ISBN 978-978-973-147-422-9, 291 pag. fizic, 281 pagini echivalate la standardul fișei de autoevaluare USV Iași
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5. Articole/studii in extenso, publicate în reviste cotate ISI cu factor de impact

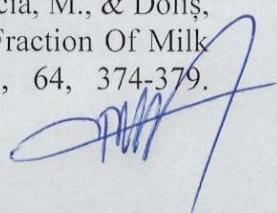
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7. Rațu, R. N., Cârlescu, P. M., Usturoi, M. G., Lipșa, F. D., Veleșcu, I. D., Arsenoaia, V. N., ... & Simeanu, D. (2023). Effects Of Dairy Cows Management Systems On The Physicochemical And Nutritional Quality Of Milk And Yogurt, In A North-Eastern Romanian Farm. *Agriculture*, 13(7), 1295. <Https://Doi.Org/10.3390/Agriculture13071295> Wos: 001034732400001
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10. Usturoi A, Usturoi M-G, Avarvarei B-V, Pânzaru C, Simeanu C, Usturoi M-I, Spătaru M, Radu-Rusu R-M, Doliș M-G, Simeanu D. (2023). Research Regarding Correlation Between The Assured Health State For Laying Hens And Their Productivity. *Agriculture*, 13(1):86. <Https://Doi.Org/10.3390/Agriculture13010086> Wos:000914298200001
11. Nechifor, I., Florea, M. A., Radu-Rusu, R. M., & Pascal, C. (2022). Influence Of Supplemental Feeding On Body Condition Score And Reproductive Performance Dynamics In Botosani Karakul Sheep. *Agriculture*, 12(12), 2006. <Https://Doi.Org/10.3390/Agriculture12122006> Wos:000902049000001
12. Kouatcho, F. D., Rusu, R. M. R., Mohamadou, B., Aoudou, B., Pop, I. M., Usturoi, M. G., & Tinkeu, L. S. N. (2022). Valorization Of Cricket, Acheta Domesticus (Linnaeus, 1758), Flour As A Source Of Dietary Protein In Japanese Quail, Coturnix Japonica (Temminck And Schlegel, 1849), Farming. *Journal Of Advanced Veterinary And Animal Research*, 9(2), 310. <Doi10.5455/Javar.2022.I598> Wos:000827440500005
13. Maciuc V., Radu-Rusu C.G., Popescu E.C., Radu-Rusu R.M., Jurco E.C., 2017 - Influence Of Season And Cows Farming System On Milk Physical, Chemical And Hygienic Traits. *Romanian Biotechnology Letters*, 22 (6):13108-13119. Wos:000423282700010
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15. Curea, C. D., Usturoi, M. G., Custură, I., Radu-Rusu, R. M., Rațu, R. N., Prisăcaru, M., & Usturoi, A. (2023). Efficiency Of Growing Of Chicken Broilers Under Conditions Of Compliance With Eu Rules Of Welfare. *Scientific Papers. Series D. Animal Science*, 66(1). Wos:001092354100030
16. Ciocan-Alupii, M., Radu-Rusu, R. M., Pânzaru, C., Nistor-Anton, M., Bilkevich, V., & Maciuc, V. (2022). Study Of Productive Performance In The Pinzgau Breed Exploited In The Dornelor Basin, Suceava County. *Sci. Pap. Ser. D Anim. Sci*, 65, 298-303. Wos:000914162300043
17. Cuciureanu, C. M., Radu-Rusu, R. M., & Usturoi, M. G. (2022). Study Of The Profile Of Fatty Acids Determined For Hubbard Capons. *Sci. Pap. Ser. D Anim. Sci*, 65, 249-253. Wos:000914162300035
18. Manea, D. F., Radu-Rusu, R. M., Doliș, M., Nacu, G., & Maciuc, V. (2022). Study On The Official Performance Control For Meat Production Of Aberdeen Angus Cattle Breed In Romania. *Sci. Pap. Ser. D Anim. Sci*, 65, 384-388. Wos:000834534200049

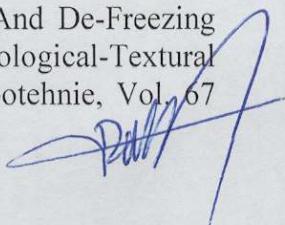
6. Articole/studii în extenso, publicate în reviste sau conferințe cotate ISI fără factor de impact

1. Radu Rusu, R. M., Usturoi, M. G., Rațu, R. N., Djitie Kouatcho, F., Hoha, G. V., Usturoi, A., ... & Ropciuc, S. (2020). Bromelain Treatments Effect On Pork Loin Histological, Textural And Technological Properties. *Scientific Papers. Series D. Animal Science*, 63(2), 351-355 Wos:000594991500054
2. Radu-Rusu, R. M., Usturoi, M. G., Djitie Kouatcho, F., Hoha, G. V., Leahu, A., Oroian, M., ... & Pânzaru, C. (2019). Usage Of Histological And Rheological Techniques In Assessment And Prediction Of Meat Textural Properties. *Scientific Papers. Series D. Animal Science*, 62(2), 264-269 Wos:000509121700042
3. Usturoi, M. G., Ratu, R. N., Radu-Rusu, R. M., Ivancia, M., & Usturoi, A. (2021). Fatty Acid Profile In Eggs And Eggs Products. *Sci. Pap. Ser. D Anim. Sci*, 64, 399-403. Wos:000737352500055
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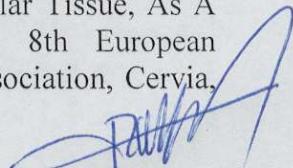


5. Pânzaru, C., Gîlcă, I., Doliș, M. G., Rațu, R. N., Radu-Rusu, R. M., & Spulber, M. C. (2021). Study Regarding The Factors Influencing The Price At Psi Annual Auction. *Sci. Pap. Ser. D Anim. Sci.*, 64, 75-80. Wos:000686570700010
6. Cuciureanu, C. M., Usturoi, M. G., & Radu-Rusu, R. M. (2021). Studies Of Capons Meat Production Belonging To The Hubbard Chicken Hybrid. *Sci. Pap. Ser. D Anim. Sci.*, 64, 318-322. Wos:000686570700045
7. Pânzaru, C., Gîlcă, I., Radu-Rusu, R. M., Rațu, R. N., & Doliș, M. G. (2020). Study Regarding Morphological Parameters Of Certain Horse Categories Of Shagya Arabian Breed In Rădăuți Studfarm. *Sci. Pap. Ser. D Anim. Sci.*, 63(1), 350-354 Wos:000594991500054
8. Solomon, L., Boișteanu, P. C., Ciobanu, M. M., Lazăr, R., & Radu-Rusu, R. M. (2020). Influence Of Temperature During Slaughter On The Chemical Composition And Gross Energy Of Refrigerated Broiler Breast Meat. *Sci. Pap. Ser. D Anim. Sci.*, 63, 462-466. Wos:000574608500067
9. Pânzaru, C., Gîlcă, I., Doliș, M., Radu-Rusu, R., Roxana Nicoleta, Rațu., & Ivancia, M. (2019). Study Regarding Some Reproductive Parameters In Shagya Arabian Mares From Rădăuți Stud Farm. *Sci. Pap. Ser. D Anim. Sci.*, 62(2), 103-108. Wos:000509121700016
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11. Maciuc, V., Radu-Rusu, R. M., Popescu, C. E., Nacu, G., & Hoha, G. V. (2019). Study On Improving Beef Production Through Industrial Crossing. *Sci. Pap. Ser. D Anim. Sci.*, 62(2), 300-305 Wos:000484814600045
12. Rațu, R. N., Usturoi, M. G., Usturoi, A., Radu-Rusu, R. M., & Ivancia, M. (2019). Quality Assessment Of The Cow Milk Traded On The Iasi Market. *Sci. Pap. Ser. D Anim. Sci.*, 62(1), 352-357 Wos:000484814600053
13. Ciobanu, L., Maciuc, V., & Rusu-Radu, R. M. (2019). Correlations Between Peritoneal Fat, Mid-Thigh Fat And Mid-Thigh Muscles In Chronic Respiratory Patients. *European Respiratory Journal* 54 (S63)Doi: 10.1183/13993003.Congress-2019.Pa606 Wos:000507372407236
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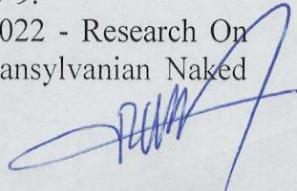
7. Articole/studii in extenso, publicate în reviste indexate BDI

1. Frunză, G., Ciobanu, M. M., Murariu, O. C., Rațu, R. N., Radu-Rusu, R. M., Simeanu, C., & Boișteanu, P. C. (2023). Effect Of Gender And Muscle Type On Fatty Acid Profile, Sanogenic Indices, And Instrumental And Sensory Analysis Of Flemish Giant Rabbit Meat. *Agriculture*, 13(12), 2265.
 2. Radu-Rusu R.M., Usturoi M.G., Pânzaru C., Djitie-Kouatcho F., Ilie D. (2022). Dynamics Of The Oviduct Micromorphometry Of Japanese Quail, In Relation With Laying Curve Phase. *Animal And Food Sciences Journal* 77, 109-115.
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 4. RADU-RUSU R.M., RATU R., SOROCOPUD O., 2017 - Effects Of Bromelain Enzymatic Proteolysis On Some Rheological And Technological Properties Of Beef. *Lucrări Științifice USAMV Iași, Seria Zootehnice*, Vol. 68 (19):77-82.
 5. RADU-RUSU R.M., 2017 - Influence Of Refrigeration, Freezing And De-Freezing Method On The Chemical Composition, Caloricity And Certain Rheological-Textural Traits Of Poultry Meat. *Lucrări Științifice USAMV Iași, Seria Zootehnice*, Vol. 67 (18):92-97.
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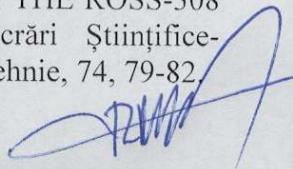
6. RADU-RUSU R.M., A. USTUROI, M.G. USTUROI, C.G. RADU-RUSU, M. BOLOGA, I. VACARU-OPRIŞ, 2014 – Alternative And Organic Farming System Influence On Hen Table Eggs Chemical Composition And Nutritional Egg Value. Xivth European POULTRY CONFERENCE, Stavanger, Norway, June 23-27, 2014, World's Poultry Science Association, World's Poultry Science Journal, Vol. 70 (Supplement):429, ISSN 0043-9339.
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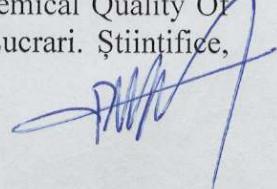
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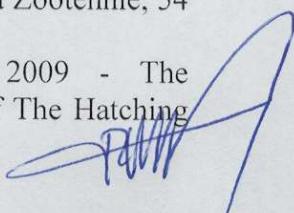
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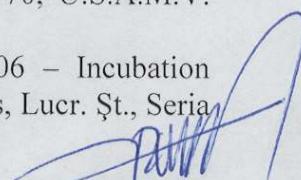
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